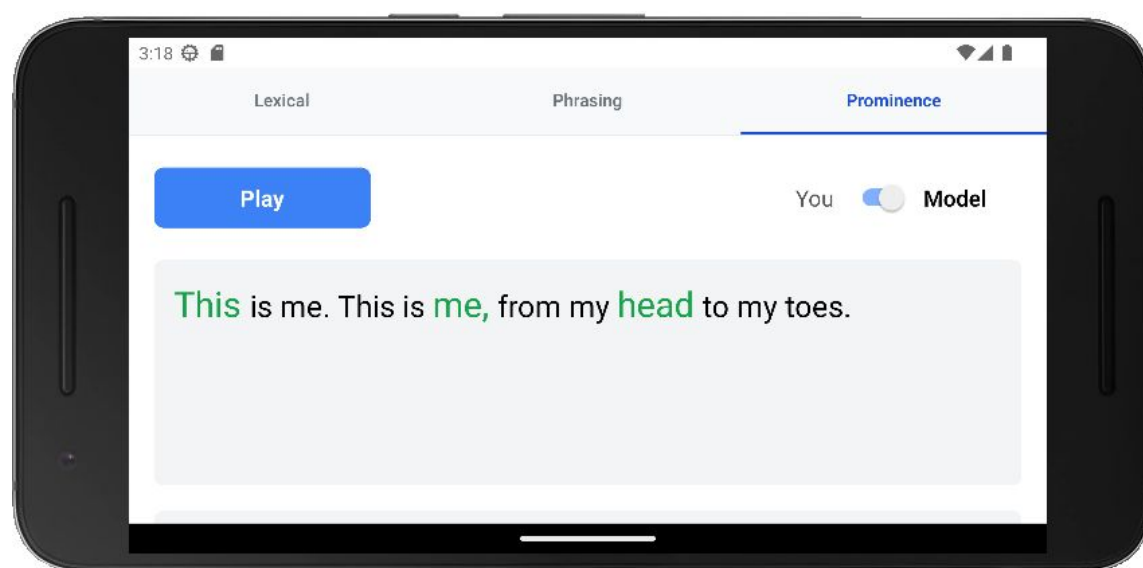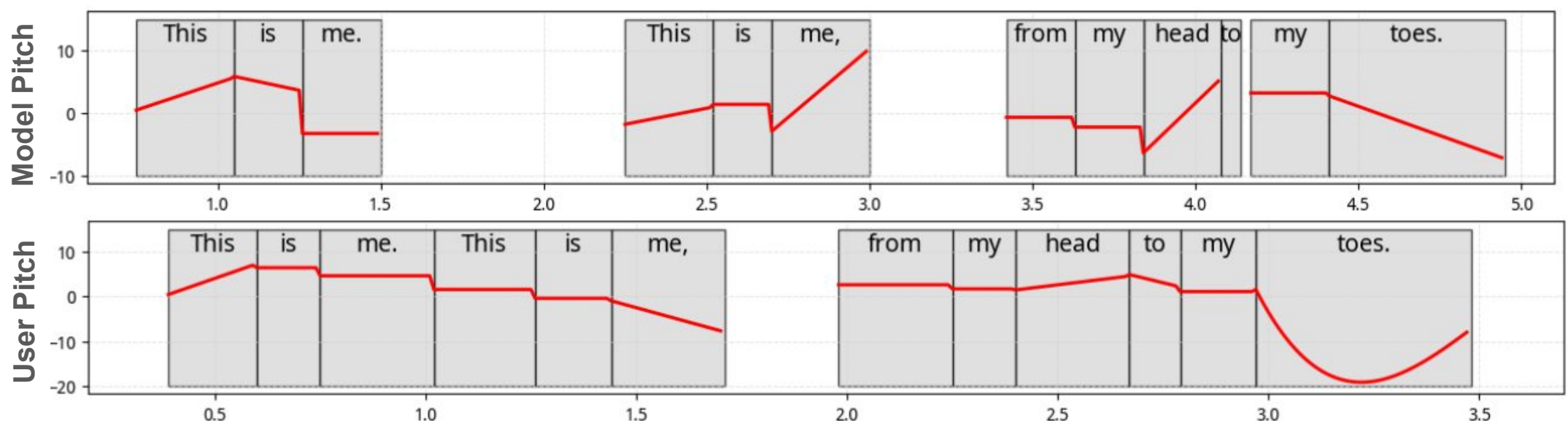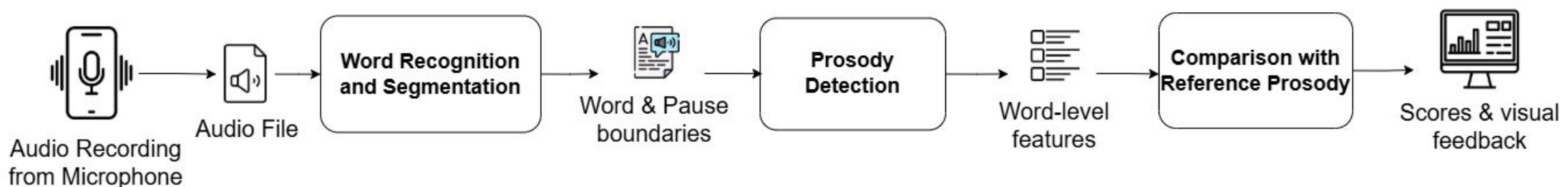EdTech Society

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A Teacher Training Application for Expressive Reading

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Oral Reading Fluency (ORF) is a critical component of literacy and an important milestone in primary school education. It targets text comprehension via reading accuracy, speed and proper expression. We present a tool that introduces the three dimensions of ORF to language teachers via practical examples. The tool also facilitates self-practice of reading aloud with feedback with respect to a model or reference recording using audio processing algorithms to extract speech features related to articulation and prosody. Our work is a useful contribution to reading pedagogy practice by empowering the teacher to demonstrate correct reading prosody and pronunciation in the chosen language.

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